

RD 173017

(c) 2003 Thomson Derwent. All rts. reserv.

001946549

WPI Acc No: 1978-H5818A/ 197839

High speed ink jet printing device - introduces clean air into jet chamber using either sealed chamber or filters

Patent Assignee: HEAD D L (HEAD-I)

Number of Countries: 001 Number of Patents: 001

Patent Family:

Patent No	Kind	Date	Applicat No	Kind	Date	Week
RD 173017	A	19780910				197839 B

Priority Applications (No Type Date): RD 78173017 A 19780820

Abstract (Basic): RD 173017 A

In applying ink jet printing devices on high speed paper moving equipment it is necessary to prevent the associated paper dust and dirt from entering into the ink jet chamber which could cause failure in some of the deflection elements.

Two methods are suggested: introducing clean air into an otherwise sealed chamber, or allowing surrounding air to be pulled into the chamber via filters, allowing sufficient flow to match the demand so that turbulent conditions are avoided.

Derwent Class: P75

International Patent Class (Additional): B41J-000/01